Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140832.D
Acq On : 11 Dec 2024 16:35
Operator : RC/JU
Sample : P5239-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 17:58:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	77848	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	289459	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	159488	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	299599	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	152267	20.000	ng		0.00
86) Perylene-d12	15.557	264	165688	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	459056	100.612	ng		0.00
7) Phenol-d6	6.510	99	605245	100.341	ng		0.00
23) Nitrobenzene-d5	7.428	82	388242	68.606	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	185735	108.889	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	719165	67.185	ng		-0.02
79) Terphenyl-d14	12.974	244	676256	69.156	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	76564	39.912	ng		100
3) Pyridine	3.481	79	193494	45.843	ng		98
4) n-Nitrosodimethylamine	3.416	42	100792	40.630	ng		93
6) Aniline	6.528	93	242333	57.079	ng	#	69
8) 2-Chlorophenol	6.657	128	259718	52.910	ng		96
9) Benzaldehyde	6.422	77	69859	21.877	ng		99
10) Phenol	6.528	94	327846	53.221	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	248348	52.685	ng		98
12) 1,3-Dichlorobenzene	6.798	146	277312	50.277	ng		99
13) 1,4-Dichlorobenzene	6.875	146	281322	50.373	ng		99
14) 1,2-Dichlorobenzene	7.028	146	265462	50.727	ng		100
15) Benzyl Alcohol	7.010	79	235212	52.582	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	300524	53.965	ng		69
17) 2-Methylphenol	7.128	107	199888	50.870	ng		94
18) Hexachloroethane	7.369	117	105952	50.796	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	184227	51.679	ng		97
20) 3+4-Methylphenols	7.287	107	267217	52.908	ng	#	71
22) Acetophenone	7.275	105	357987	50.729	ng		95
24) Nitrobenzene	7.445	77	280014	47.876	ng		98
25) Isophorone	7.686	82	495725	52.520	ng		100
26) 2-Nitrophenol	7.763	139	137642	53.105	ng		98
27) 2,4-Dimethylphenol	7.804	122	207508m	66.913	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	305280	53.091	ng		99
29) 2,4-Dichlorophenol	8.016	162	220303	53.611	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	228419	48.684	ng		99
31) Naphthalene	8.163	128	760012	50.974	ng		99
32) Benzoic acid	7.951	122	151868	55.035	ng		97
33) 4-Chloroaniline	8.222	127	112962	25.305	ng		97
34) Hexachlorobutadiene	8.275	225	155024	49.884	ng		99
35) Caprolactam	8.604	113	68333m	53.734	ng		
36) 4-Chloro-3-methylphenol	8.716	107	241645	52.522	ng		99
37) 2-Methylnaphthalene	8.857	142	499115	52.705	ng		99
38) 1-Methylnaphthalene	8.957	142	463898	49.976	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	247318	52.970	ng		99
41) Hexachlorocyclopentadiene	9.004	237	115764	107.543	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	150899	51.506	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	160314	50.419	ng		98
46) 1,1'-Biphenyl	9.316	154	628468	52.779	ng		99
47) 2-Chloronaphthalene	9.345	162	467494	51.814	ng		99
48) 2-Nitroaniline	9.451	65	151478	52.305	ng		97
49) Acenaphthylene	9.763	152	751587	55.132	ng		100
50) Dimethylphthalate	9.622	163	570764	54.339	ng		100
51) 2,6-Dinitrotoluene	9.692	165	121690	51.083	ng		95
52) Acenaphthene	9.933	154	456458	52.697	ng		99
53) 3-Nitroaniline	9.869	138	87967	37.756	ng		95
54) 2,4-Dinitrophenol	9.986	184	115818	92.517	ng		94
55) Dibenzofuran	10.110	168	694582	52.571	ng		100
56) 4-Nitrophenol	10.057	139	120945	76.114	ng		95
57) 2,4-Dinitrotoluene	10.104	165	164778	52.046	ng	#	92
58) Fluorene	10.451	166	563148	53.101	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	145714	59.629	ng		93
60) Diethylphthalate	10.322	149	579868	54.335	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	281712	54.128	ng		97
62) 4-Nitroaniline	10.486	138	128317	52.511	ng		94
63) Azobenzene	10.598	77	605091	59.872	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	91807	59.967	ng		96
66) n-Nitrosodiphenylamine	10.563	169	485043	54.746	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	169445	54.918	ng		98
68) Hexachlorobenzene	11.004	284	185769	51.998	ng		98
69) Atrazine	11.092	200	163460	65.582	ng		98
70) Pentachlorophenol	11.210	266	140690	89.475	ng		99
71) Phenanthrene	11.416	178	777534	53.990	ng		99
72) Anthracene	11.469	178	802033	56.933	ng		100
73) Carbazole	11.627	167	710044	52.394	ng		100
74) Di-n-butylphthalate	11.945	149	895737	57.251	ng		99
75) Fluoranthene	12.610	202	774674	49.543	ng		100
77) Benzidine	12.733	184	232924	52.613	ng		99
78) Pyrene	12.839	202	772355	54.859	ng		99
80) Butylbenzylphthalate	13.451	149	290758	57.328	ng		99
81) Benzo(a)anthracene	14.039	228	548141	54.382	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	111316	36.784	ng		98
83) Chrysene	14.074	228	504357	54.723	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	368370	57.520	ng		98
85) Di-n-octyl phthalate	14.645	149	537680	61.434	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	626910	58.060	ng		98
88) Benzo(b)fluoranthene	15.121	252	516903	49.668	ng		99
89) Benzo(k)fluoranthene	15.151	252	479699	52.673	ng		100
90) Benzo(a)pyrene	15.498	252	486858	57.536	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	510257	57.702	ng		99
92) Benzo(g,h,i)perylene	17.539	276	404945	44.876	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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